

- * SWBAT differentiate between static and dynamic equilibrium
- * SWBAT observe the tendencies of objects

Sep 6-2:31 PM

Welcome!!!

SECA Physics
Monday 22 September 2014

H. Leslie Grebe

- * Pick up:
 - small slip of paper (for later)

Opening Activity:

Flick a card from under a penny...

1. Balance an index card on your index finger.
2. Balance a penny on the card right above your finger.
3. With the nail of your other index finger, give the card a quick horizontal snap.

Be patient -- keep trying!

CANDY?

Centering...

Sep 7-7:04 AM

What's going on with the penny???

Is it easier with one penny or three?

With the index card or the sandpaper?

What seems to work???

- MIDDLE FINGER
- PENNY AT EDGE
- FLICK CORNER
NOT UP/DOWN
HARD

Sep 20-1:38 PM

Review of Friday:

Kinds of Equilibrium???

Could someone demo?

DYNAMIC
→ MOVING

CAR w/ CRUISE
CONTROL

STATIC
→ STILL

BOOK,
PENCIL, ...
SITTING ON DESK

Equilibrium means... BALANCED OR STEADY

Dynamic if:

- not speeding up or slowing down
- not changing directions

Sep 21-2:13 PM

Pennies seem kind of "lazy"...

Where else can we try this out?

DISHES &
TABLECLOTH

Wanna try??? YES...

OBJECTS SITTING STILL TEND TO
STAY SITTING STILL.

OBJECTS THAT ARE MOVING TEND TO
KEEP MOVING

What about moving things???

Justin Bieber doll goes over the cliff when
his car crashes!

Sep 21-2:37 PM

Apple Sheet results

Read-around section 2.3

Support Force

Sep 22-3:23 PM

Daily 3 Questions

- * Every day except test/project days
- * 3 Questions on the topics of the day
- * Main source of daily points
- * I am happy to give credit when I have no concerns about someone giving or getting help with the answers.

Your can't get your points if you don't have your NAME!!!

Name	Period
1.	
2.	
3.	

Sep 9-7:32 AM

1. Dynamic Equilibrium means the forces are balanced / steady while an object is

- A. momentum
- B. massive
- C. moving

2. True or False: An object sitting still tends to stay sitting still.

3. True or False: An object moving tends to stay moving.

Sep 14-7:28 AM